

Brief Description of the Drawings

The accompanying drawing, Figure 1 is a plain view of the composite

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Detailed Description of the Drawings

IN THE DRAWING

The accompanying drawing, ^{Figure 1} is a top plan view illustrating the separation of a composite which comprises a glass fiber mat having an asphalt coating which penetrates the mat. The portions of the coated mat being separated are indicated by 2 and 4 with fibers 11 bridging the separated area and resisting disunion before total separation occurs.

For the manufacture of roofing shingles or BUR, a polysiloxane containing fiberglass mat with a urea/formaldehyde binder and the present crosslinked polymer modifier is preferred. The dried, cured mat may be covered on one or both sides with a conventionally thick coating of a standard asphalt or asphalt compound to produce a composite roofing product which can be cut to any size or shape or used as undivided BUR sheeting and packaged in pallets or rolls for shipment and subsequent installation. In the case of BUR roofing, however, coating or mopping of the mat with a hot surface coating of asphalt is generally delayed until a course of sheeting is installed on the roof. The asphalt employed for coating may additionally contain an antifungal, antibacterial, UV inhibitor and/or coloring agent at the option user.

The roof covering herein disclosed is a product of conventional weight and somewhat increased flexibility which meets and exceeds the requirements of ASTM D-3462 testing. The significantly improved tear strength of the present product results in savings in packaging and transportation of the product as well as durability of the product when installed.

Having thus generally described the invention, reference is now had to the following examples which illustrate particular and preferred embodiments but which are not to be construed as limiting to the scope of the invention as set forth in the appended claims.